

# **XPRESS**

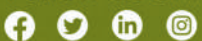
ELECTRIC INTER-CITY BUS



**SMART INTERCITY COMMUTE,  
FUELED WITH COMFORT**

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# TECHNICAL SPECIFICATION



VEHICLE DESCRIPTION	12M HF INTERCITY
Application	Intercity / Staff
Vehicle Dimensions (L x W x H)	11990 mm x 2590 mm x 3700 mm
Wheel Base	6200 mm
GVW (max)	19400 Kgs
Floor Height	1140 mm
Seating Capacity	41 Full Reclining (2x2) ; 45 Partial Reclining (2x2) ; 55 Fixed (3x2) + Driver
Luggage Space	5 ~ Cubic Meters
Front Axle	Heavy duty Reverse Eliot axle
Rear Axle	Fully floating Banjo, Single reduction
Suspension	Fully Air Suspension with Antiroll bars at front & Rear
Brakes	All Disc Brakes with EBS, ABS, EVSC & Fully air brakes
Tyres (Front & Rear)	295/80 R22.5 Radial Tubeless
Structure & Bus Body	Ladder frame Chassis with Tubular body construction with Strength & Approval requirement as per AIS052 & AIS153+Annexure-3 of UBS-II
Emergency Exits	Yes, As per AIS-052
Passenger doors	Jack Knife Type / In-Swing Type
Traction Motor	Permanent Magnet Synchronous Motor 250 KW Max. Power
Steering System	Electrically driven & Hydraulic power assisted steering with Tilt & telescopic mechanism
Max Speed	80 kmph
Battery Type	Advanced Li-ion chemistry
Charging System	Plug-in fast charging (CCS-2)
Regenerative Braking System	Yes
Charging System	Plug-in fast charging (CCS-2)
HVAC	Yes
HV Safety	Protection against surge, short circuit and overloaded constant insulation monitoring and interlock for safety
Passenger Comfort & Convenience	High back & reclining seats with movable armrest for both passengers, Individual AC louver & reading lights, fixed foot rest, water bottle holder, magazine pouch, bag hook, USB Charging
Daily Operational Range	1000 kms
Country	India / Global

**JBM Electric Vehicles Pvt. Ltd.**  
**Sales and Marketing office**

601, Hemkunt Chambers 89, Nehru Place, New Delhi - 110019  
Tel: +91-11-26427104, 42099900